



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of WILSON, Paul K.

Art Unit: 3617

For: Drive System for Amphibious
Equipment

Examiner: Sherman D. Basinger

Application No.: 10/618,927

Attorney Docket No.: 816

Filed: July 14, 2003

Date: December 27, 2004

Honorable Commissioner of Patents

CLAIM LISTING (accompanying Response to Office Action Mailed on 06/25/2004)

1. (Original) In an amphibious craft having a pair of spaced, elongated pontoons, each pontoon having (i) an endless track guided around the periphery thereof; (ii) a hydraulic motor having a stationary part attached to the pontoon and having a motor-drive sprocket; (iii) a track-drive assembly for driving the endless track; and (iv) a chain assembly for transferring power generated by the motor to the track-drive assembly; an improved track-drive assembly, comprising:

a shaft, a track-drive sprocket removably attached to the shaft near or at an end thereof, at least one track sprocket attached to the shaft, and a journaled bearing disposed on the shaft between the track-drive sprocket and the at least one track sprocket.

2. (Currently Amended) A track-drive assembly for amphibious craft, the track-drive assembly comprising:

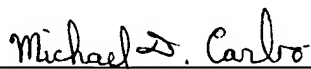
a shaft; at least one track sprocket affixed to the shaft; a track-drive sprocket removably affixed to the shaft near or at an end thereof; and a shaft bearing disposed between the track-drive sprocket and the at least one track sprocket; the track-drive sprocket being removable without first removing any bearing or bearing keeper.

3. (New) In an amphibious craft having a pair of spaced, elongated pontoons, each pontoon having (i) an endless track guided around the periphery thereof; (ii) a hydraulic motor having a stationary part attached to the pontoon and having a motor-drive sprocket; (iii) a track-drive assembly for driving the endless track; and (iv) a chain assembly for transferring power generated by the motor to the track-drive assembly; an improved track-drive assembly, comprising:

a shaft, a track-drive sprocket removably attached to the shaft near or at an end thereof, at least one track sprocket attached to the shaft, and a journaled bearing disposed on the shaft between the track-drive sprocket and the at least one track sprocket; the track-drive sprocket being removable without first removing any bearing or bearing keeper.

Respectfully submitted,

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